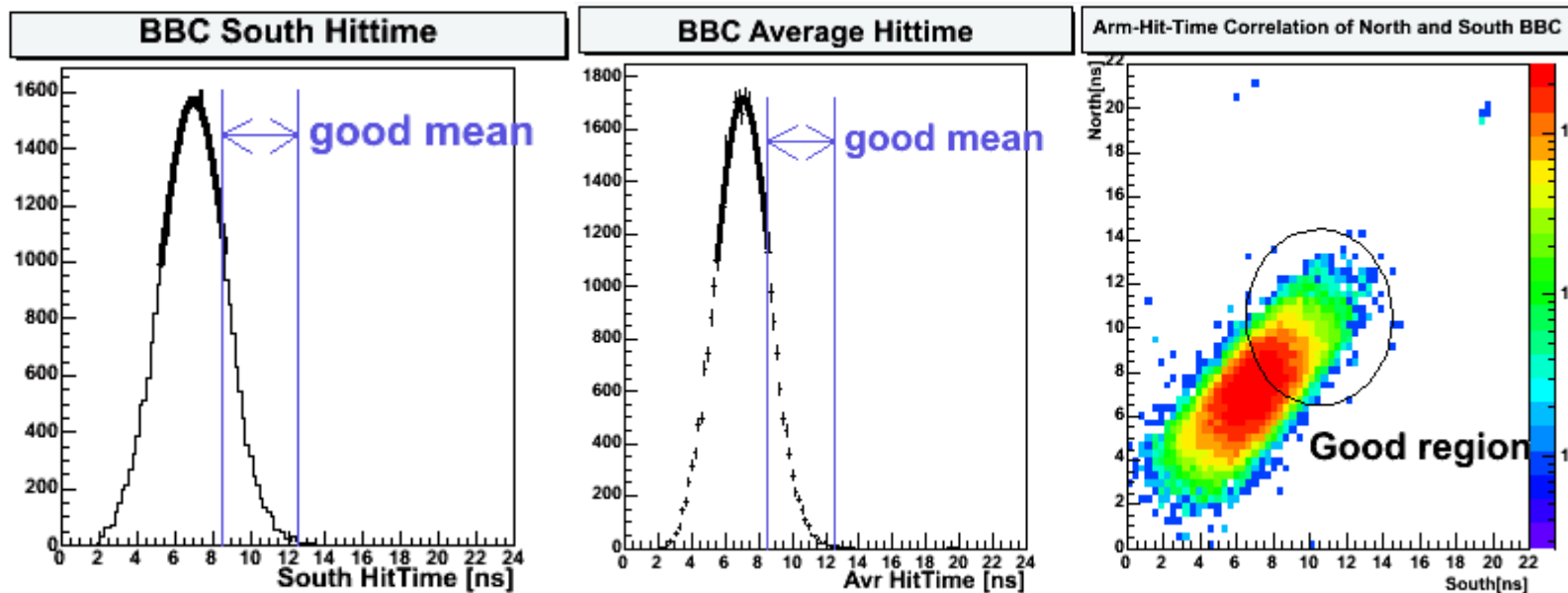


# Collisions!

- PHENIX got a first crack at collisions at 6AM this morning
  - Took enough data to make first pass at timing
    - Only required a  $\sim 4$ ns adjustment

Run #165842 Events: 39344 Date:Wed Apr 6 07:08:12 2005



# PHENIX pp Run Preparation

- EMCal gain balancing  
– Sharpen trigger thresholds (lower thresholds) **DONE (beam).**
- ERT Trigger  
– Pedestal scan to eliminate hot EMCal towers  
– Updates to ERT LL1 hardware **DONE (beam).**
- DAQ rate improvement  
– Improve heavily loaded DCM channels **DONE (>4kHz)**
- MuTR Low Voltage repair  
– Investigate/repair LV module problems **DONE.**
- DC FEM replacement  
– Replace four noisy/dead FEMs **DONE.**
- Spin-specific setup  
– Monitoring, data transfer to CC-J, etc. **DONE (beam).**
- Muon Trigger RPC prototype  
– Installation 3/30 **DONE.**

# PHENIX Data Production

- PHENIX is making use of collaboration resource to stay ahead of the incoming data:
  - **Run-4 AuAu Data Production at RCF**
    - Preliminary results from full dataset for QM05
  - **Run-4 Muon Production at CC-F**
    - LVL2 filtered production underway
  - **Run-4 pp Production at CC-J**
  - **Run-5 CuCu 200 GeV/62.4 GeV**
    - LVL2 filtered analysis will yield QM05 preliminary results
    - 100 M minbias events produced in counting house (200 GeV)
    - 150 M minbias events produced in counting house (62.4 GeV)
    - Full production at RCF this summer (after Run-4 complete)
  - **Run-5 CuCu 22.5 GeV**
    - All events produced in 1008
  - **Run-5 pp production at CC-J**
    - LVL2 filtered analysis
    - Plans in place to ship data out “on-the-fly”